

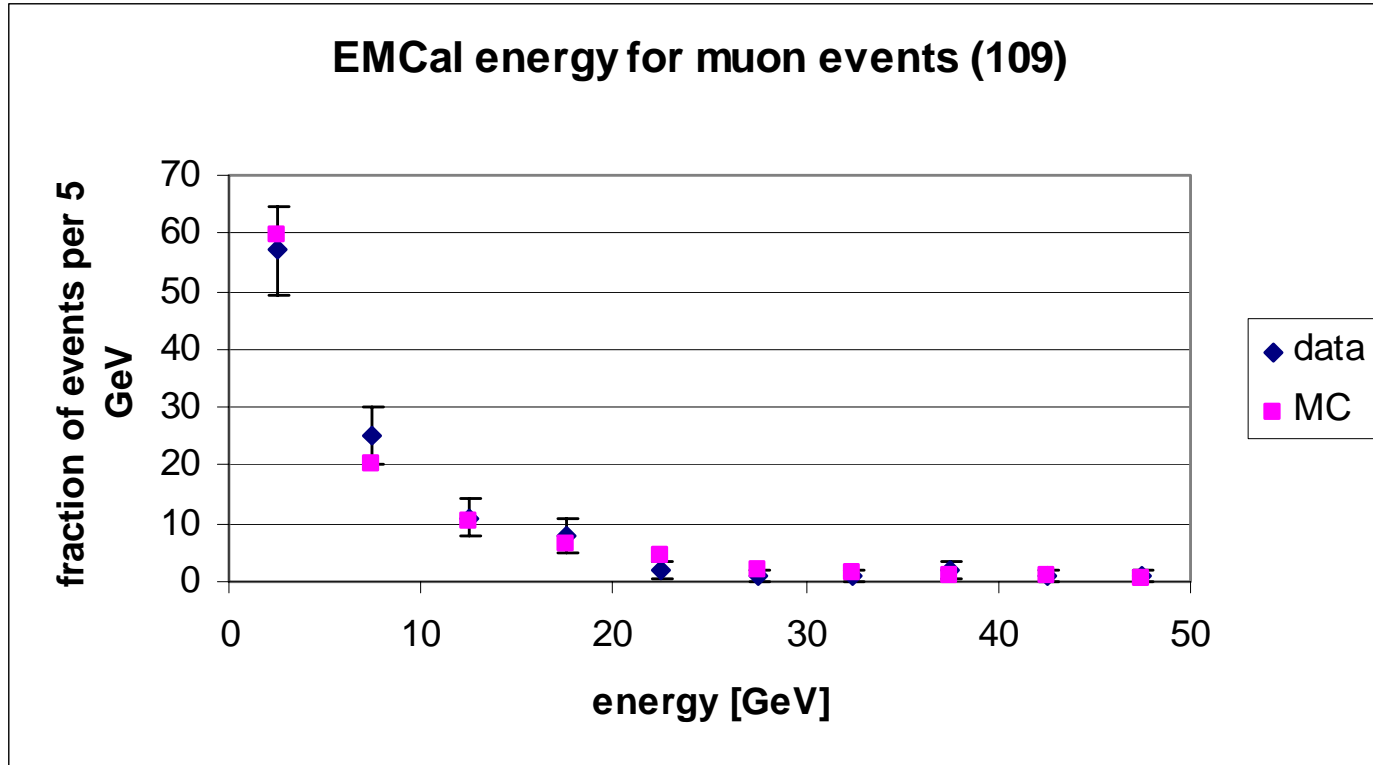
Calorimeter MC and Data

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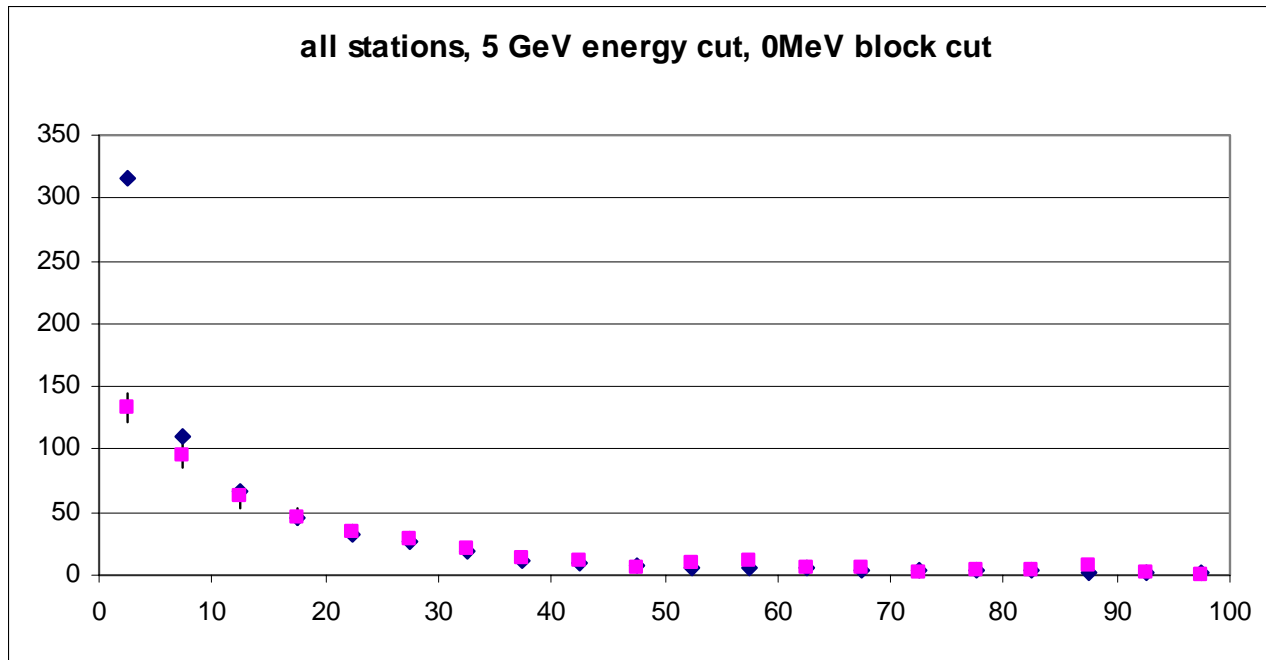
12/05/00

Identified Muons



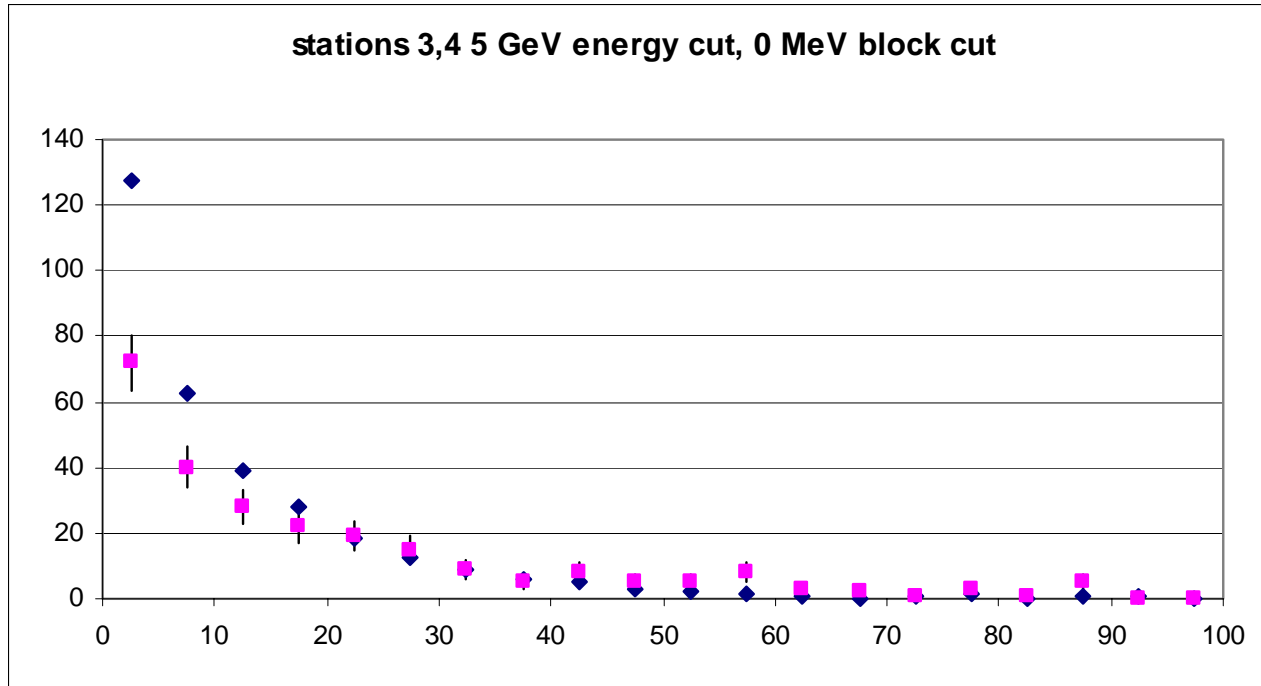
Calorimeter energy for identified muon events: Data and Monte Carlo are normalized to the same value. $\chi^2/\text{dof} = 0.7$
Leaving the prompt fraction as a free parameter results in a best fit of $p/\text{total} = .53$ (momentum spectrum: .57)

All events (511 sample)



Calorimeter energy for all events. The MC distribution was normalized to the number of events with energy > 5 GeV and results in a χ^2/dof of 0.87. For the Monte Carlo a mixture of $1/15 * (4 \text{ prompt} + 4 \text{ nonprompt} + 4 \text{ electron} + 4 \text{ NC})$ was assumed.

Stations 3 and 4



Same plot for events in stations 3 and 4. χ^2/dof in this case is 2.1. Only above 20 GeV does the shape of the Monte Carlo fit the data reasonably well.